



Agriculture Across Michigan

Michigan Annual Crop Summary

The 2020 growing season in Michigan was a great improvement over 2019. Michigan's average corn yield was 154 bushels per acre, up 7 bushels from 2019. Production was 306 million bushels from 1.99 million acres. Acres harvested for grain were up 24 percent from 2019.

The average Michigan soybean yield was 47 bushels per acre, up 6.5 bushels from 2019. There were 2.19 million acres harvested, up from 1.72 million acres harvested in 2019.

Area Planted and Harvested, Yield, and Production by Crop – Michigan and United States: 2019 - 2020

Commodity	Michigan		United States	
	2019	2020	2019	2020
Beans, dry				
Planted 1,000 acres	185.0	260.0	1,290.8	1,740.0
Harvested 1,000 acres	180.0	258.0	1,174.3	1,676.5
Yield Pounds	2,040	2,340	1,768	1,966
Production 1,000 cwt	3,663	6,033	20,756	32,963
Corn, all				
Planted 1,000 acres	2,000	2,350	89,745	90,819
Corn, grain				
Harvested 1,000 acres	1,610	1,990	81,337	82,467
Yield Bushels	147.0	154.0	167.5	172.0
Production 1,000 bu	236,670	306,460	13,619,928	14,182,479
Corn, silage				
Harvested 1,000 acres	340	350	6,615	6,719
Yield Tons	19	18	20	20.5
Production 1,000 tons	6,290	6,125	133,522	137,729
Hay, alfalfa				
Harvested 1,000 acres	550	550	16,743	16,230
Yield Tons	2.50	2.80	3.28	3.27
Production 1,000 tons	1,375	1,540	54,875	53,067
Hay, other				
Harvested 1,000 acres	230	230	35,682	36,008
Yield Tons	2.10	2.00	2.07	2.05
Production 1,000 tons	483	460	73,989	73,745
Soybeans				
Planted 1,000 acres	1,760	2,200	76,100	83,084
Harvested 1,000 acres	1,720	2,190	74,939	82,318
Yield Bushels	40.5	47.0	47.4	50.2
Production 1,000 bu	69,660	102,930	3,551,908	4,135,477
Sugarbeets				
Planted 1,000 acres	146.0	157.0	1,133.0	1,162.2
Harvested 1,000 acres	145.0	154.0	980.1	1,142.3
Yield Tons	28.6	28.3	29.2	29.4
Production 1,000 tons	4,147	4,358	28,650	33,618

Winter Wheat Seedings

Michigan winter wheat seeded area for 2021 is estimated at 580,000 acres, an increase of 18 percent from last year. Winter wheat planting and emergence progressed ahead of the five-year average throughout the fall. The crop condition was rated 73 percent good to excellent as of November 29, compared with 50 percent during the same period last year.

U.S. winter wheat planted area for harvest in 2021 is estimated at 32.0 million acres, up 5 percent from 2020 and

up 2 percent from 2019. This represents the fourth lowest United States acreage on record. Seeding of the 2021 acreage was underway in early-September and was ahead of the 5-year average pace. Throughout the season, planting and emergence progress remained ahead of the 5-year average pace. Seeding was mostly complete by November 15, 2020.

Winter Wheat Area Seeded - Michigan and United States: 2019 - 2021

Item	Michigan			United States		
	2019	2020	2021	2019	2020	2021
Planted 1,000 acres	550	490	580	31,474	30,415	31,991
Harvested 1,000 acres	490	450		24,592	23,024	
Yield Bushels	71	75		53.6	50.9	
Production 1,000 bushels	34,790	33,750		1,316,963	1,171,022	

November Agricultural Prices

Prices received by Michigan farmers for the full month of November 2020 are listed in the table below. Some Michigan highlights were: November corn, at \$3.76 per bushel, increased \$0.09 from October but decreased \$0.11 from last year; November wheat, at \$5.70 per bushel, increased \$0.19 from October and increased \$0.51 from last year; November milk, at \$18.50 per cwt., increased \$1.60 from last month but decreased \$0.70 from last year.

Nationally, the November Prices Received Index 2011 Base (Agricultural Production), at 92.4, increased 4.1 percent from October and 2.2 percent from November 2019. At 91.1, the Crop Production Index is up 3.9 percent from

last month and 7.1 percent from November 2019. The Livestock Production Index, at 94.2, increased 4.0 percent from October, but decreased 3.0 percent from November 2019. Producers received higher prices during November for broilers, soybeans, corn, and milk but lower prices for hogs, turkeys, market eggs, and oranges. In addition to prices, the volume change of commodities marketed also influences the indexes. In November, there was increased monthly movement for corn, milk, cattle, and cotton and decreased marketing of soybeans, grapes, wheat, and lettuce.

Prices Received by Farmers¹ - Michigan and United States: November 2020 with Comparisons

Commodity	Michigan			United States		
	Nov 2019	Oct 2020	Nov 2020	Nov 2019	Oct 2020	Nov 2020
Beans, dry edible dollars/cwt	32.00	29.50	27.80	28.50	29.10	29.70
Corn dollars/bu	3.87	3.67	3.76	3.68	3.61	3.79
Hay, alfalfa dollars/ton	185.00	180.00	185.00	169.00	171.00	167.00
Hay, other dollars/ton	140.00	145.00	145.00	140.00	132.00	136.00
Oats dollars/bu	3.68	3.07	3.38	2.95	2.73	3.02
Soybeans dollars/bu	8.68	9.92	10.80	8.59	9.63	10.30
Wheat, winter dollars/bu	5.19	5.51	5.70	4.35	4.97	5.34
Milk, all dollars/cwt	19.20	16.90	18.50	21.10	20.20	21.30

¹ Entire month weighted average price.

December Hogs and Pigs

Michigan's total hog and pig inventory on December 1 was estimated at 1.3 million head, up 60,000 head from a year ago. Breeding hog inventory, at 120,000 head, was unchanged from last December. Market hog inventory, at

1.18 million head, was up 5 percent from last year. The average pigs saved per litter for the September to November quarter was 11.50, compared to 10.85 from the same period last year.

Hog inventory and farrowings: Michigan and United States, December 1, 2020

Hogs and pigs	Michigan			United States		
	2019	2020	Change	2019	2020	Change
	(1,000 head)	(1,000 head)	(Percent)	(1,000 head)	(1,000 head)	(Percent)
Breeding	120	120	0	6,471	6,276	-3
Market	1,120	1,180	5	71,757	71,226	-1
Under 50 pounds	340	360	6	22,048	21,739	-1
50-119 pounds	310	330	6	20,636	20,260	-2
120-179 pounds	220	245	11	15,256	15,246	0
180+ pounds	250	245	-2	13,816	13,980	1
Total	1,240	1,300	5	78,228	77,502	-1
Sows farrowed, Sep-Nov	56	56	0	3,197	3,164	-1
Pigs/litter, Sep-Nov	10.85	11.50	6	11.09	11.05	0
Pig crop, Sep-Nov	608	644	6	35,459	34,973	-1
Sows farrowing, Dec-Feb ^{1 2}	57		0	3,068		0
Sows farrowing, Mar-May ^{1 2}	54		0	3,149		0

¹ Intentions.

² Upcoming year.

Chickens and Eggs

All layers in Michigan totaled 14.7 million during November, down 2 percent from a year ago. Egg production totaled 369 million eggs, down slightly from last year. The rate of lay during November was 2,507 eggs per 100 layers.

All layers in the U.S. totaled 388.9 million during November, down 3 percent from a year ago. There were 22.2 million turkey poults hatched in the U.S. in November, down 1 percent from the previous year.

Egg and Hatchery Production – Michigan and United States: November 2019 and 2020

Item	2019	2020	Percent Change
Michigan			
All layers	14,959	14,709	-2
Eggs per hundred layers	2,474	2,507	1
Eggs produced	370	369	0
U.S.			
All Layers	401,764	388,859	-3
Eggs per hundred layers	2,364	2,396	1
Eggs produced	9,497	9,315	-2
Turkey Eggs in incubators, Dec 1	26,464	26,910	2
Turkey Poults hatched, Nov	22,325	22,197	-1

December 1 Grain Stocks

On December 1, 2020, Michigan corn stocks totaled 255 million bushels, 30 percent higher than a year earlier. About 71 percent of the corn was stored on farms. The first quarter disappearance was 87.4 million bushels, compared with 81.6 million bushels a year earlier. Soybean stocks on December 1, 2020, were 73.2 million bushels. That was 7 percent higher than stocks a year earlier. The first quarter indicated disappearance was 41.5 million bushels, 36 percent of supply. Farm stocks of soybeans were 31.5 million bushels. Wheat stocks on December 1, 2020, were 32.1 million bushels, 22 percent below a year ago. Approximately 92 percent of wheat stocks were in commercial storage. Second quarter indicated disappearance was 8.91 million bushels, 16 percent of supply.

November Milk Production

Dairy herds in Michigan produced 940 million pounds of milk during November, up 3.6 percent from a year ago. Production per cow in Michigan averaged 2,170 pounds for November, 45 pounds above November 2019. The dairy herd was estimated at 433,000 head for November, up 6,000 head from a year earlier. The average price of milk sold in November by Michigan dairy producers was \$18.50 per cwt., \$0.70 less than the price in November 2019.

Milk Cows, Production, and Price – Michigan: November 2019 and 2020

Item	2019	2020
Cows 1,000 hd	427	433
Milk per cow lb/month	2,125	2,170
Production mil lbs	907	940
Milk price, all dol/cwt	19.20	18.50
Fat test pct	3.99	3.98
Protein ¹ pct	3.19	3.26

¹ FMO 33

